

Established February, 1845.

PRICE, \$2 PER MONTH.

Shipping

Steamers.

CHINA NAVIGATION COMPANY,
LIMITED.

FOR PORT DARWIN, SYDNEY AND
MELBOURNE, VIA FOCHOW.

The Co's Steamship
Changsha,
will be despatched on
above on **SATURDAY, the 4th Instant, at**
Daylight.

The attention of Passengers is directed
to the Superior Accommodation offered by
this Steamer. First-class Saloon and Cabin
are situated forward of the Engine.
Second Class Passengers are berthed in the
Poop. A Refrigerating Chamber ensures
the supply of Fresh Provisions during the
entire voyage. A duly qualified Surgeon is
carried.

For Freight or Passage, apply to
BUTTERFIELD & SWIRE,
Agents.

Hongkong, August 2, 1888. 1231

FOR SAN FRANCISCO.

The 3/3 A.F.I. Amer. Barge
Electra,
Jones, Master, will load for
the above Port, and
have quick despatch.

For Freight, apply to
RUSSELL & Co.

Intimations.

IMPAIRED VISION.

LAWRENCE & MAYO'S PERFECT PEBBLES



Are clear, cool, & preserving to the Sight.
MR. LAWRENCE is now in HONGKONG
and may be CONSULTED at the
HONGKONG HOTEL (Room No. 20),
daily from 8 a.m. to 6 p.m.

CONSULTATIONS FREE.

SPECTACLES VS. BLINDNESS.

VISION is justly described as the most
important of our senses, and its loss is
regarded as one of the greatest afflictions to
which mankind is subject.
It is therefore of paramount importance
that we should carefully use our sight
whilst perfect, and that when, unfortunately,
the help of Spectacles is felt to be necessary,
the utmost care should be taken in the
selection of them.
The late eminent Oculist, Dr. Soberg
Wallis, testified that he had no hesitation
in stating that the haphazard plan of selecting
Spectacles—employed by some Opticians—
was frequently attended by serious
consequences; that eyes were often per-
manently injured, which might, by skilled
adaptation of glasses, have been preserved
for years.

S. R. GROOM, Esq., F.R.C.S.,
Barrister-at-Law, Singapore.

Writes:—
I have used Glasses for twenty years, and
have no hesitation in saying that, those
supplied me by you are the best I have ever
worn. I wear them with much satisfaction
and comfort, and find the frames are espe-
cially convenient.

To Messrs. LAWRENCE & MAYO,
Hotel D'Europe, Singapore.

LAWRENCE & MAYO,
OPHTHALMIC OPTICIANS,
(Opticians to the Principal Ophthalmic
Surgeons in England and India.)
Offices:—Old Bond Street, LONDON.
3 & 4, Hare Street, CALCUTTA.
22, Ramputt, BOMBAY.
Hongkong, July 28, 1888. 1232

THE HONGKONG HIGH LEVEL
TRAMWAYS COMPANY,
LIMITED.

THE Public are respectfully informed
that the **PEAK RAILWAY** was
OPENED for PUBLIC TRAFFIC on WED-
NESDAY, 30th May.

The CARS RUN as follows between ST. JOSEPH'S PARK and VICTORIA GAP:—
8 to 10 a.m. every quarter of an hour.
12 to 2 p.m. " " half hour.
4 to 8 p.m. " " quarter of an hour.

SUNDAYS.

1 past 12 to 4 past one every quarter of
an hour, and from 4 to 8 p.m. every quarter
of an hour.

Single Tickets may be obtained in the
CARS.
GENTLEMEN are requested NOT TO
SMOKE in the Middle Compartment.

Tickets for 30 trips up and 30 trips down,
First-class, at \$12.00; and Tickets for six
trips up and six trips down, at \$2.50;
Five-Cent Coupons and REDUCED TICKETS
may be obtained at the Office of the GENERAL
MANAGERS.

MACLEWEN, FRICKEL & CO.,
General Managers.

VICTORIA EXCHANGE,
50 & 52, Queen's Road,
Hongkong, 28th July, 1888. 1234

INSURANCES.

NORTH BRITISH & MERCANTILE
INSURANCE COMPANY.

THE Undersigned, AGENTS of the above
Company, are authorized to insure
against FIRE at Current Rates.

GILMAN & CO.,
Hongkong, January 1, 1882. 14

QUEEN FIRE INSURANCE COM-
PANY.

THE Undersigned, AGENTS for the above
Company, are prepared to ACCEPT
RISKS against FIRE at Current Rates.

NORTON & CO.,
Agents.
Hongkong, July 15, 1887. 1340

THE LONDON ASSURANCE.

INCORPORATED BY ROYAL CHARTER OF
His Majesty King George The First,
A. D. 1720.

THE Undersigned have been appointed
Agents for the above Corporation and
are prepared to grant Insurances as follows:—
Marine Department.

Policies at current rates, payable either
here, in London, or at the principal Ports
of India, China and Australia.

Fire Department.

Policies issued for long or short periods at
current rates.

Life Department.

Policies issued for sums not exceeding
£5,000 at reduced rates.

HOLLIDAY, WISE & CO.
Hongkong, July 25, 1872. 496

To-day's Advertisements.

HONGKONG, CANTON AND MACAO
STEAMBOAT COMPANY,
LIMITED.

NOTICE TO SHAREHOLDERS.

THE DIVIDEND at the Rate of 7 per
Cent. or \$1.40 per Share, declared
at the Ordinary Half-Yearly Meeting of
Shareholders held this Day, will be Payable
at the HONGKONG and SHANGHAI BANKING
CORPORATION on and after SATURDAY,
the 4th Instant.

Shareholders are requested to apply at the
OFFICE of the Company for WARRANTS.

By Order of the Board of Directors,
T. ARNOLD,
Secretary.

Hongkong, August 3, 1888. 1490

To-day's Advertisements.

THEATRE ROYAL,
CITY HALL, HONGKONG.
TO-MORROW EVENING,
the 4th August, 1888.THE AMERICAN MUSICAL
COMEDY & OPERA COMPANY.

Directors: (Mr. PEMBERTON W. WILLARD,
JOHN F. SHERIDAN.)

Will appear as above in
THE EVER SUCCESSFUL OPERA
BOUFFE
'LES CLOCHES DE CORNEVILLE'

CHARACTERS BY THE COMPANY.

GASPARD (THE MISER) Mr.
JOHN F. SHERIDAN.

NEXT WEEK PERFORMANCES
ON
MONDAY,
THURSDAY,
AND
SATURDAY.

Prices \$3, \$2, and \$1.
Plan at Messrs. KELLY & WALSH'S, Ltd.
All communications to PEMBERTON W.
WILLARD, Hongkong Hotel.

Hongkong, August 3, 1888. 1293

UNION LINE.

NOTICE TO CONSIGNEES.

FROM HAMBURG, ANTWERP,
PENANG AND SINGAPORE.

The Steamship *Guy Manning*, Captain
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The Steamship is berthed at Kowloon,
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risk and expense, and no Fire Insurance
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All Claims against the Steamer must be
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RUSSELL & Co.,
Agents.

Hongkong, August 3, 1888. 1292

NOTICE.

COMPAGNIE DES MESSAGERIES
MARITIMES.

L'AUQUEBUTS POSTE FRANCAIS.

STEAM FOR
SAIGON, SINGAPORE, BATAVIA,
COLOMBO, ADEN, SUEZ,
PORT SAID.

MEDITERRANEAN AND
BLACK SEA PORTS, ALEXANDRIA,
MARSEILLES, AND PORTS
OF BRAZIL, AND LA PLATA.

LONDON, HAVRE, BORDEAUX,
DUNKIRK AND ANTWERP.

ON THURSDAY, the 16th of August,
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S.S. *LA JOUVILLE*, Commandant BRETEL,
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Contents and value of Packages are re-
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possible even to visit the temporary hospital established in Inawashiro at the police station. Large numbers of policemen have been detached to render assistance in the suffering districts, and under the charge of Mr. Orita, Chiiji of the prefecture, all is done that can be done. The villages on the north side of the

mountain are in a state of more cruel misery than even those we have described, and the destruction there is more complete.

It may not be amiss to set down briefly some information for the benefit of those who may wish to visit Band-a-san. It will be advisable, we should say, to take train either to Koriyama or the station beyond it, and then to take the branch line to Atami (where, if one leaves Ueno by the 6 a. m. train, it will be necessary to stay over night) is good in dry weather, but becomes almost impassable during rain for *murakushi*, the Mitomiyama Atami road, on the other hand, is a very rough and rocky one.

There are only four *ri*, while the other is five. At both stations there is difficulty in obtaining *murakushi*. On Sunday Atami furnished two to cope with the visitors by the 6 a. m. train from Tokyo, while Mitomiyama provided only one. As the road is a *murakushi* road, the traveling was no ease. Leaving Atami at five o'clock a. m. I saw *iwashi* may be reached about nine. The distance is six *ri*, but the road is very hilly. The outlet for surplus water from Lake Iwawashiro on this side is a small stream, the outlet of the other being a lake being conducted in a canal to within about a mile and a half of the hills which have to be climbed on the way from Atami, whence it passes by a subterranean channel to the face of a cliff, pouring out in great volume, and giving rise to a large river.—*Japan Mail.*

AN IMPORTANT DISCOVERY is announced in the "Paris Figure" of a valuable remedy for nervous debility, physical exhaustion, and premature decay. The discovery was made by a missionary in Old Mexico; it saved him from a miserable existence and enabled him early to return to his native country, where he is now residing at the Grosvenor, Bloomsbury, Mansions, 25, Bloomsbury Square, London, W.C., will send the prescription, free of charge, on receipt of a self-addressed stamped envelope.

" 30 days' sight, ..	3/0
" 4 months' sight, ...	3/0
Credits, 4 " "	3/0
Documentary, 1 months' sight	3/4
On Paris—	
On demand,	3.78

Credits, 4 months sight, ..	3.80
On New York—	
On demand,	73½
Credits, 60 days sight, ...	74½
On Bombay—	
Wire,	228½
On demand,	224
On Calcutta—	
Wire,	2.31
On demand,	224

On Shanghai—	...	72 1/2
On Demand,	72
30 days' sight,	72 1/2
Gold Leaf, 100 fine	34.20
Sovereigns,	\$4.68

Temperature.

Taken at Messrs Falconer & Co.'s Premises)

Queen's Road,

BAROMETER—	9 A.M....	29.73
Do.	1 P.M.	30.68

Do.	4 P.M.	27.64
Thermometer	9 A.M.	85
Do.	1 P.M.	88
Do.	4 P.M.	87
Do.	(Wet bulb) 9 A.M.	83
Do.	1 P.M.	83
Do.	Do. 4 P.M.	83
Do.	5 P.M.	80

Do. Maximum	84
Do. Minimum	61

METEOROLOGICAL REGISTER.

AT 4 P.M. TO-DAY.

Barometer	30.59
Temperature	87
Humidity	74
Direction of Wind	ws w
Force	1
Weather	b r

Hongkong Observatory, 22, 4 P.M.

CHINA COAST METEOROLOGICAL REGISTER.

AUGUST 22.—AT 4 P.M.

Station.	Temperature Exposed to Sun and 3 to 5 Fath.	Temperature	Humidity.	Direction of Wind.	Force.	Weather.	Bar. (Inch.)	Bar. (Inch.) at Sea.
Wl'ostock	29.63	67	—	SE	3	f	—	—
Tokio	28.88	—	—	S	6	—	—	—
Nagasaki	—	—	—	—	—	—	—	—
Shanghai	29.69	89	56	ENE	4	b	—	—
Amoy	29.64	90	77	ENE	4	b	—	—
Hankow	29.61	83	81	0	0	o	—	—
Haiphong	29.69	79	ENE	2	b	—	—	—
Batavia	29.65	78	74	SE	3	cd	—	—

Manda...	29.69	82	81	B	2	0	0.14
August 3.							
Wlstock.	29.87	86	100	se.	4	f	0.08
August 3.	20.96			se.	5		
Shanghai.	29.69	89	80	se.	2	b	—
Amoy.	29.65	85	83	sw.	2	b	—
Hongkong.	29.07	86	74	waw.	1	b	0.40
Haploong.	29.74	93	97		0	u	—
Bolinas.	29.69	78	95	w	2	oz	1.77
Manda...							

The barometer has fallen along the S.E. coast of China and has risen in Japan and Fuzhou. Cloud, hot and rather dry weather prevails.

W. DOBRESKY,
Government Astronomer,
Hongkong Observatory, August 3.

1. BAROMETER, reduced to 32 degrees Fahrenheit, and to the level of the sea in inches, tenths and hundredths.
2. TEMPERATURE, in the shade in degrees.

3. HUMIDITY, in percentage of saturation, the humidity of air saturated with moisture being 100.

4. DIRECTION OF WIND, to two points.

5. FORCE OF WIND, according to Beaufort Scale.

6. STATE OF WEATHER, a blue sky, a detached cloud, a drizzling rain, fog, gloomy, hail, lightning, overcast, passing showers, equally, rain, snow, thunder, a visibility, a dew (wet).

7. RAIN, inches, tenths, and hundredths.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971). The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$ of the sample.

